

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format. Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

**Basic Information**

Texas [48]	Coryell County [099]	Gatesville [29168]	0.40 MI E OF US 84	31-25-58.18 = 31.432828	097-45-42.41 = -97.761781
090500C00175001	Highway agency district: 9	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 0	LEON ST	Toll On free road [3]	Features intersected LEON RI #1 GAT		
Design - main Steel [3]	Design - approach Other [00]	Kilometerpoint 48.3 km = 29.9 mi	Year built 1904	Year reconstructed N/A [0000]	
1	Truss - Thru [10]	Skew angle 0	Structure Flared	Historical significance Bridge is eligible for the NRHP. [2]	
Total length 43 m = 141.1 ft	Length of maximum span 41.5 m = 136.2 ft	Deck width, out-to-out 5 m = 16.4 ft	Bridge roadway width, curb-to-curb 4.5 m = 14.8 ft		
Inventory Route, Total Horizontal Clearance 4.5 m = 14.8 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Wood or Timber [8]				
Type of wearing surface	Wood or Timber [7]				
Deck protection	Unknown [8]				
Type of membrane/wearing surface	Unknown [8]				

**Weight Limits**

Bypass, detour length 0.2 km = 0.1 mi	Method to determine inventory rating Allowable Stress(AS) [2]	Inventory rating 0 metric ton = 0.0 tons
	Method to determine operating rating Allowable Stress(AS) [2]	Operating rating 0 metric ton = 0.0 tons
Bridge posting		Design Load

### Functional Details

Average Daily Traffic	614	Average daily truck traffi	0	%	Year	2016	Future average daily traffic	365	Year	2036
Road classification	Local (Urban) [19]		Lanes on structure	1		Approach roadway width	6.1 m = 20.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge						Minimum vertical clearance over bridge roadway	3.71 m = 12.2 ft			
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

### Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	492000	Roadway improvement cost	122000						
	Length of structure improvement	55.8 m = 183.1 ft		Total project cost	614000					
	Year of improvement cost estimate									
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status

Bridge closed to all traffic [K]

Appraisal ratings -  
structural

Condition ratings - superstructure

Poor [4]

Appraisal ratings -  
roadway alignment

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -  
deck geometry

Condition ratings - deck

Satisfactory [6]

Scour

Bridge foundations determined to be stable for assessed or calculated scour condition. [5]

Channel and channel protection

Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]

Appraisal ratings - water adequacy

Meets minimum tolerable limits to be left in place as is [4]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

11.1

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

March 2018 [0318]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

May 2016 [0516]

Other special inspection

Not needed [N]

Other special inspection date